

### **DECLARATION AND POWERS OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural

specification of which was filed on	<u>Herewith</u>	as Application Serial No.	and was amended on
	, or, if not identif	fied here by filing date and serial number	r, is attached hereto.
I have reviewed and understand the	contents of the o	above identified specification, including	the claims, as amended by any
nendment referred to above.		• •	•
	nformation which	is material to the examination of this app	olication in accordance with 37
R 1.56.			
I hereby claim foreign priority benefit	s under 35 USC 11	19 of any foreign application(s) for paten	t or inventor's certificate listed
		tion for patent or inventor's certificate by	
		the application on which priority is claim	ea.
Application No in	OII_	priority claimed () Yes () No priority claimed () Yes () No	
Application No in	OD	priority claimed () Yes () No	•
I hereby claim the benefit under 35 L	JSC 119(e) of any	United States provisional application(s)	as listed below.
Application No. 60/121,198 File		· ·	
Application No Filed			
		nited States application(s) listed below ar	
		e prior United States application in the mo	
		ose material information as defined in 37	
		ational or PCT international filing date of t	this application
Serial No Filed	() patente	ea () penaing () abandoned	-
		ed () pending () abandoned	
		ny own knowledge are true and that all s statements were made with the knowled	
		or both, under 18 USC 1001 and that such	
ppardize the validity of the application			· will dise statements may
		owing as my/our attorney or agent with 1	full power of substitution and
		all business in the U.S. Patent and Tradem	
Joseph S. Tripoli	· · · · · · · · · · · · · · · · · · ·		nd
Ronald H. Kurdyla		Registration No. 26,932 a	nd .
Alexander J. Burke	•	De sistemile - No. 40.405	
Alexander 5. barke		Registration No. <u>40,425</u> a	nd .
Alexander J. Burke	•	Registration No. 40,425 at Registration No.	na
PLEASE ADDRESS ALL			na
	TO: JOSEPH S. TRI	Registration No.	na 
PLEASE ADDRESS ALL	TO: JOSEPH S. TRI PATENT OPERA	Registration No.  POLI ATIONS	na
PLEASE ADDRESS ALL	TO: JOSEPH S. TRI PATENT OPERA THOMSON MU	Registration No.  POU ATIONS LTIMEDIA LICENSING INC.	na
PLEASE ADDRESS ALL	TO: JOSEPH S. TRI PATENT OPERA THOMSON MU P. O. Box 5312	Registration No.  POU  ATIONS  LTIMEDIA LICENSING INC.	na
PLEASE ADDRESS ALL COMMUNICATIONS	TO: JOSEPH S. TRI PATENT OPERA THOMSON MUI P. O. Box 5312 PRINCETON, N	Registration No.  POU ATIONS LTIMEDIA LICENSING INC.	
PLEASE ADDRESS ALL COMMUNICATIONS  Sole or Joint DAVID LOWELL M	TO: JOSEPH S. TRI PATENT OPERA THOMSON MUI P. O. Box 5312 PRINCETON, N	Registration No.  POU  ATIONS  LTIMEDIA LICENSING INC.	M Meek
PLEASE ADDRESS ALL COMMUNICATIONS	TO: JOSEPH S. TRI PATENT OPERA THOMSON MUI P. O. Box 5312 PRINCETON, N	Registration No.  POU  ATIONS  LTIMEDIA LICENSING INC.	n Meel
PLEASE ADDRESS ALL COMMUNICATIONS  Sole or Joint Inventor (1)	TO: JOSEPH S. TRI PATENT OPERA THOMSON MUI P. O. Box 5312 PRINCETON, N	Registration No.  POU  ATIONS LTIMEDIA LICENSING INC.  EW JERSEY 08843-53,12  (Signature in Full. No initials.)	M Heel
PLEASE ADDRESS ALL COMMUNICATIONS  Sole or Joint Inventor (1)  (Type or Print)  Cittzenship USA	TO: JOSEPH S. TRI PATENT OPERA THOMSON MUI P. O. Box 5312 PRINCETON, N	Registration No.    POLI   ATIONS   LTIMEDIA LICENSING INC.    EW JERSEY 08843-53,12     (Signature in Full. No initials.)   Date Och bs-1	M Heel
PLEASE ADDRESS ALL COMMUNICATIONS  Sole or Joint Inventor (1)  (Type or Print)  Cittzenship USA	TO: JOSEPH S. TRI PATENT OPERA THOMSON MUI P. O. Box 5312 PRINCETON, N	Registration No.  POU  ATIONS LTIMEDIA LICENSING INC.  EW JERSEY 08843-53,12  (Signature in Full. No initials.)	n Neel
PLEASE ADDRESS ALL COMMUNICATIONS  Sole or Joint Inventor (1)  (Type or Print)  Citizenship USA  Post Office Address 7832 Warbler C	TO: JOSEPH S. TRI PATENT OPERA THOMSON MUI P. O. Box 5312 PRINCETON, N MCNEELY Court, Indianap	Registration No.    POLI     ATIONS     LTIMEDIA LICENSING INC.    EW JERSEY 08843-53,12     (Signature in Full. No initials: Date Och bs-1, Doolis, Indiana 46256	M Heel
PLEASE ADDRESS ALL COMMUNICATIONS  Sole or Joint Inventor (1)  (Type or Print)  Cittzenship USA	TO: JOSEPH S. TRI PATENT OPERA THOMSON MUI P. O. Box 5312 PRINCETON, N MCNEELY Court, Indianap	Registration No.    POLI     ATIONS     LTIMEDIA LICENSING INC.    EW JERSEY 08843-53,12     (Signature in Full. No initials: Date Och bs-1, Doolis, Indiana 46256	n Neel
PLEASE ADDRESS ALL COMMUNICATIONS  Sole or Joint Inventor (1)  Citizenship USA  Post Office Address 7832 Warbler Communications  Residence Indianapolis (Marion	TO: JOSEPH S. TRI PATENT OPERA THOMSON MUI P. O. Box 5312 PRINCETON, N MCNEELY Court, Indianap	Registration No.    POLI     ATIONS     LTIMEDIA LICENSING INC.    EW JERSEY 08843-53,12     (Signature in Full. No initials: Date Och bs-1, Doolis, Indiana 46256	M Heel
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PLEASE ADDRESS ALL COMMUNICATIONS  Sole or Joint Inventor (1) Citizenship USA  Post Office Address 7832 Warbler Communication (1) Residence Indianapolis (Marion Sole or Joint Inventor (2)	TO: JOSEPH S. TRI PATENT OPERA THOMSON MUI P. O. Box 5312 PRINCETON, N MCNEELY Court, Indianap	Registration No.  IPOLI ATIONS LTIMEDIA LICENSING INC.  EW JERSEY 08843-53.12  (Signature in Full. No initials: Date Och bs-1, Doolis, Indiana 46256	Meek 1999
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PLEASE ADDRESS ALL COMMUNICATIONS  Sole or Joint Inventor (1)  Citizenship  Post Office Address  Residence  Indianapolis (Marion  Sole or Joint Inventor (2)  Citizenship  Post Office Address  Residence  Sole or Joint Inventor (2)  Citizenship  Post Office Address  Residence  Sole or Joint Inventor (3)  (Type or Print)	TO: JOSEPH S. TRI PATENT OPERA THOMSON MUI P. O. Box 5312 PRINCETON, N MCNEELY Court, Indianap	Registration No.    POLI   ATIONS   LTIMEDIA LICENSING INC.    EW JERSEY 08843-5312     Signature in Full. No initials.     Date Och bs-     Doolis, Indiana 46256     (Signature in Full. No initials.	Meek 1999
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Express Mail Label: EL27837 4US

RCA 89,830

FORM PTO-1595 1-31-92

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David Lowell McNeely	Name Thomas Consumer Market Land
	Name: Thomson Consumer Electronics, Inc.
	·
Additional name(s) of X No	
conveying party(ies) attached:	Street Address: 10330 North Meridian Street
3. Nature of convenance:	City: Indianapolis State: Indiana Zip: 46290-1024
X Assignment Merger	in. 10000 1001
Security Agreement Change of Name	
Other	Additional name(s) & address(es) attached? X No
Execution Date: October 1, 1999	Additional name(s) & address(es) attached? X No
4. Application number(s) or patent number(s): Serial No.	
If this document is being filed together with a new application A. Patent Application No.(s)	h, the execution date of the application is: October 1, 1999  B. Patent No.(s)
Additional numbers attached?	X No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed: Name: JOSEPH S. TRIPOLI	o. Total number of applications and patents involved1
Internal Address: PATENT OPERATIONS	7. Total Fee (37 CFR 3.41): \$40.00
THOMSON multimedia Licensing Inc.	Enclosed
Street Address: PO Box 5312	X_ Authorized to be charged to deposit account  8. Deposit account number:
C'A. PRINCERON CA A NEW IEROPE C' 005 10 5010	07-0832
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Alexander J. Burke . Acuarly &	Supe 12 0 John 1999
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JANUARY 12, 2000

PTAS

THOMSON MULTIMEDIA LICENSING INC.
JOSEPH S. TRIPOLI
PATENT OPERATIONS
PO BOX 5312
PRINCETON, NEW JERSEY 08543-5312



063R., 101299

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/12/1999

REEL/FRAME: 010313/0306

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MCNEELY, DAVID LOWELL

DOC DATE: 10/01/1999

ASSIGNEE:

THOMSON CONSUMER ELECTRONICS, INC. 10330 NORTH MERIDIAN STREET INDIANAPOLIS, INDIANA 46290-1024

SERIAL NUMBER: 09415654

PATENT NUMBER:

FILING DATE: 10/12/1999

ISSUE DATE:

SHAREILL COLES, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

10-21-1999

RCA 89,830

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101176949

To the Honorable Commissioner of Patents and Trademarks: Plea	se record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
David Lowell McNeely		" <b>*</b>
	Name: Thomson Consumer Electronics, Inc.	
		(三)
•		7.5. <b>3.</b> 1.
Additional name(s) of X No		2000年
conveying party(ies)	Street Address: 10330 North Meridian Street	%C == -
attached:		ř 🚍
3. Nature of convenance:	City: Indianapolis State: Indiana	Zip: 46290-1024
X Assignment Merger		
Security Agreement Change of Name		•
Other		
Execution Date: October 1, 1999	Additional name(s) & address(es) attached?	X No
4. Application number(s) or patent number(s): Serial No.		
If this document is being filed together with a new application,	the execution date of the application is: October 1 1999	
A. Patent Application No.(s)	B. Patent No.(s)	
	1, -6.71	
	x No 09/415654	
Additional numbers attached?	X No 0 9/9/3 0 3	
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5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	1
concerning document should be mailed: Name: JOSEPH S. TRIPOLI		
Internal Address: PATENT OPERATIONS	7. Total Fee (37 CFR 3.41): \$40.00	<del></del>
THOMSON multimedia Licensing Inc.	Enclosed	•
1110wison mutamedia bicensing inc.	Authorized to be charged to deposit account.	
Street Address: PO Box 5312	8. Deposit account number:	
Diffeet Address. 10 Dox 0012	07-0832	
City: PRINCETON State: NEW JERSEY Zip:08543-5312		
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**RCA** 

## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

	declare that I am the sole inventor (if only one invento s are named below) of the Inventions relating to •		below) or one of joint inventors  MPLE DATA DIGITAL FILTERING SYSTEM
described in an o	application for Letters Patent of the United States of Ar		
Assignment/Agr For value and existing und for all countries in and any divisions I agree t declarations and inventions in any I agree t requested by sal its successors, as I authoris inventions in its o profection for so Property, as and written or oral au I hereby document which or nominees to o International Coi	or, If not identified here by filing date and seement.  seement.  ible consideration received, I hereby sell, assign and the intermediate the consideration received, I hereby sell, assign and the intermediate of the fact of the state of Delaware, United States of An and to said inventions, and all the rights and privileges, continuations, reissues and extensions thereof, hat, when requested, I will, without charge to said acted and all acts which may be necessary, desirable or and all countries and for vesting title thereto in said acted I will communicate to said corporation or its represent a will estify in any legal signs and legal representatives or nominees, to obtain the and empower said corporation, its successors, assigns their own name, or in my/our name, in any and all dinventions filed by it or them, the benefit of the righended, or by any convention which may henceforth thorization from me.  consent that a copy of this assignment shall be defined by the required in any country for any purpose and apply for patent or other proper protection for said in the protection of industrial Property, as and presents.	ransfer to Ti America, its assunder ar proporation i proporation, centatives of al proceedi or enforce gns or nom i countries at of priority be substit emed a fu more parti wentions, a lended, or	er, executed by me on even date with my execution of this  HOMSON CONSUMER ELECTRONICS, INC., a corporation duly organized is successors, and assigns my entire right, title and interest, my and all Letters Patent that may be granted therefor,  but at its expense, sign all papers, take all rightful oaths, make all rightful for securing and maintaining patents or other forms of protection for sale, its successors, assigns or nominees.  any facts known to me respecting said inventions and when ings, and generally do everything possible to ald said corporation, a proper protection for said inventions in any and all countries. Indices, to make application for patent or other form of protection for said and to invoke and claim for any application for patent or other form of protection of industric futed for it, and to invoke and claim such right of priority without further full legal and formal equivalent of any assignment, consent to file or like icularly in proof of the right of the said corporation or its successors, assign and to claim the aforesaid benefits of the right of priority provided by the by any convention which may henceforth be substituted for it.
	ight, title and interest herein conveyed by me are fre		ors, assigns, legal representatives, and nominees, that to the best of mar of any encumbrance, and that I have full right to convey the same a
Signed at	Indianapolis, Indiana	Date .	Ochibar 1, 1999
Inventor (1)	David Lowell McNeely (Type or Print)	•	(Signature in Full. No Initials.)
	ost Office Address 7832 Warbler Court, Ir WILLIAM ADAMSON LAGON		polis (Marion County), Indiana 46256
1st Witness 2ndWitness	(Type or Print)  PIZABEL ANN TOKSON (Type or Print)		(Signature in Full. No initials.) (Signature in Full. No initials.)
Signed at		Date -	
Inventor (2)	(Type or Print)	-	(Signature in Full. No initials.)
1st Witness	Ost Office Address  (Type or Print)		(Signature in Full. No initials.)
2ndWitness	(Type or Print)	-	(Signature in Full. No initials.)
Signed at		Date -	
Inventor (3)	(Type or Print)	<del>.</del>	(Signature in Full. No initials.)
F	Post Office Address	<del></del>	
1st Witness	(Type or Print)	-	(Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to:

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Patent Operations THOMSON multimedia Licensing Inc. P.O. Box 5312 Princeton, NJ 08543-5312

2ndWitness

(Type or Print)

## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of joint inventors (if plural inventors are named below) of the inventions relating to A SAMPLE DATA DIGITAL FILTERING SYSTEM				
described in an application for Letters Patent of the United States of Amer or, if not identified here by filing date and serial		Under Serial No. h my execution of this		

For valuable consideration received, I hereby sell, assign and transfer to THOMSON CONSUMER ELECTRONICS, INC., a corporation duly organized and existing under the laws of the State of Delaware, United States of America, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with THOMSON CONSUMER ELECTRONICS, INC., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	Indianapolis, Indiana	Date	October 1, 1999
Inventor (1)	David Lowell McNeely (Type or Print)	. • •	(Signature in Full. No initials.)
Р	ost Office Address 7832 Warbler Court, In	dianar	oolis (Marion County), Indiana 46256
1st Witness	WILLIAM ADAMSON (AGON)	·	Matdamsur
2ndWitness	(Type or Print)  First Substantial Ann Trackson (Type or Print)		(Signature in Full. No initials.)  (Signature in Full. No initials.)
	(type or Film)		(Signature III Fall. 140 II III dis.)/
Signed at		Date	
Inventor (2)		,	
	(Type or Print)		(Signature in Futl. No Initials.)
Р	ost Office Address		
1st Witness			
''''	(Type or Print)		(Signature in Full. No initials.)
2ndWitness			
	(Type or Print)		(Signature in Full. No initials.)
Signed at		Date	
Inventor (3)			
111011101 (0)	(Type or Print)		(Signature in Full. No initials.)
_			
"	ost Office Address		
1st Witness			
	(Type or Print)		(Signature in Full. No Initials.)
2ndWitness	Consession of the Consession o		(Clonet up in Full No initials)
L	(Type or Print)		(Signature in Full. No initials.)

FORM PTO-1595 9-21-95



### RECORDATION FORM COVER SHEET

	TENTS ONLY	
To the Honorable Assistant Commissioner for Patents: Please record the attached orig		
1. Name of conveying party(ies): THOMSON CONSUMER ELECTRONICS, INC.	Name and address of receiving party(ies):     Name: THOMSON LICENSING S.A.     Internal Address:	
Additional name(s) of Yes No X conveying party(ies) attached:	Street Address: 46, quai Alphonse Le Gallo 92648 Boulogne Cedex, France	
3. Nature of conveyance:     Assignment X Merger     Security Agreement Change of Name Other	City: State:	Zip:
Execution Date: 13 January 2000	Additional name(s) & address(es) attached?	Yes No X
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of A. Patent Application No.(s) See Attached Appendix	· · · · · · · · · · · · · · · · · · ·	
Additional numbers attached? Yes	X No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: JOSEPH S. TRIPOLI Internal Address: PATENT OPERATIONS-GE AND RCA LICENSING MANAGEMENT OPERATION, INC.	6. Total number of applications and patents involved:66  7. Total Fee (37 CFR 3.41): \$2640.00 Enclosed	
Street Address: CN 5312	X Authorized to be charged to deposit account  8. Deposit account number: 07-0832	
City: PRINCETON State: NEW JERSEY Zip :08543-0028		*
9. Statement and signature.	OT USE THIS SPACE	
To the best of my knowledge and belief, the foregoing information is true and correct copy of the original document.	t and any attached copy is a true	
IRWIN M. KRITTMAN Name of Person Signing  Signature	man 14 Yanuary 2000	
Total number of pages including cover sheet, attachments, and docus OMB No. 0651-0011 (exp. 4/94)	ment: 4	· · · · · · · · · · · · · · · · · · ·
DO NOT	DETACH THIS PORTION	

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

#### **ASSIGNMENT**

WHEREAS, THOMSON CONSUMER ELECTRONICS, INC. (TCE, Inc.), a Delaware Corporation having offices at 10330 North Meridian Street, Indianapolis, Indiana 46290, and THOMSON Licensing S.A. (TLSA), a French corporation having offices at 46, quai Alphonse Le Gallo, 92648 Boulogne Cedex, France, entered into an agreement calling for the assignment of certain inventions, to TLSA;

NOW THEREFORE, TCE, Inc., in consideration of the mutual covenants of said agreement, does hereby assign to TLSA, its successors and assigns, TCE, Inc.'s entire right, title and interest, including the right to claim priority of

the applications appended hereto

THOMSON CONSUMER ELECTRONICS, INC.

Date: 13 Yanuary 2000

Irwin M. Krittman

Vice President

THOMSON multimedia Licensing Inc.

And Attorney in Fact for

THOMSON CONSUMER ELECTRONICS, INC.

#### NOTARIAL CERTIFICATE

State of New Jersey

:ss

County of Middlesex

I do hereby certify that THOMSON CONSUMER ELECTRONICS, INC. (TCE, Inc.), having offices 10330 North Meridian Street, Indianapolis, Indiana 46290 U.S.A., mentioned in the foregoing Assignment, is a corporation organized and existing under the laws of the State of Delaware, United States of America, and that Irwin M. Krittman, who signed the foregoing Assignment, is fully authorized to execute the document on behalf of THOMSON CONSUMER ELECTRONICS, INC. for this purpose.

Signed and sealed the 13th day of January 2000.

After this Assignment has been recorded please RETURN to:

Davida Joinaratto

EAVIDA P. FORNAROTYO

NOTARY PUBLIC OF NEW KRITEY

My Commission Syp. Jun. 14, 2002

After this Assignment...
Patent Operations
THOMSON multimedia Licensing Inc..
PO Box 5312
Princeton, NJ 08543-5312

# REASSIGNMENT OF APPLICATIONS IN THE NAME OF THE ISON CONSUMER ELECTRONICS INC. TO THOMSON LICENSING S.A.

RCA DOCKET NO.	U.S SERIAL NO.	U.S. FILING DATE
86198	09/330,697	June 11, 1999
88699	09/356,160	July 19, 1999
88753	09/251,670	February 17, 1999
88888	09/340,916	June 28, 1999
88958	09/306,040	May 6, 1999
88959	09/306,038	May 6, 1999
88961	09/306,012	May 6, 1999
89076	09/226,938	January 8, 1999
89086	09/427,388	October 26, 1999
89155	09/283,548	April 1, 1999
89164	09/333,235	June 14, 1999
89188	09/290,322	April 12, 1999
89216	09/283,508	April 1, 1999
89218	09/283,447	April 1, 1999
89229	09/266,477	March 11, 1999
89239	09/320,334	May 26, 1999
89262	09/244,218	February 4, 1999
89279	09/253,825	February 19, 1999
89330	09/461,656	December 14, 1999
89338	09/350,880	July 9, 1999
89339	09/351,065	July 9, 1999
89354	09/246,281	February 8, 1999
89355	09/465,617	December 17, 1999
89368	09/320,978	May 27, 1999
89382	09/356,820	July 19, 1999
89404	09/382,231	August 24, 1999
89405	09/382,235	August 24, 1999
89408	09/427,315	October 26, 1999
89411	09/333,641	June 15, 1999
89417	09/378,669	August 20, 1999
89418	09/283,497	April 1, 1999
89429	09/382,232	August 24, 1999
89430	09/382,234	August 24, 1999
89456	09/327,088	June 4, 1999
89480	09/433,434	November 4, 1999
88495	09/391,059	September 7, 1999
89497	09/343,764	June 30, 1999
89498	09/343,765	June 30, 1999
89511	09/454,037	December 3, 1999
89513	09/320,346	May 26, 1999
89514	09/320,481	May 26, 1999

# REASSIGNMEN OF APPLICATIONS IN THE NAME OF TRAMSON CONSUMER ELECTRONICS INC. TO THOMSON LICENSING S.A.

RCA DOCKET NO.	U.S. SERIAL NO.	U.S. FILING DATE
89541	09/428,322	October 28, 1999
89546	09/343,622	June 30, 1999
89556	09/343,730	June 30, 1999
89557	09/343,731	June 30, 1999
89558	09/345,087	June 30, 1999
89559	09/343,752	June 30, 1999
89560	09/343,753	June 30, 1999
89567	09/454,398	December 3, 1999
88570	09/415,655	October 12, 1999
89584	09/353,240	July 14, 1999
89604	09/374,024	August 13, 1999
88607	09/379,161	August 23, 1999
89609	09/374,368	August 13, 1999
89651	09/451,064	November 30, 1999
89674	09/358,070	July 21, 1999
89683	09/427,316	October 26, 1999
89691	09/100,622	February 16, 1999
89717	09/394,358	September 10, 1999
89727	09/378,671	August 20, 1999
89728	09/378,670	August 20, 1999
89759	09/409,148	September 30, 1999
89757	09/410,245	September 30, 1999
89805	09/434,188	November 4, 1999
.89806	09/434,187	November 4, 1999
89830	09/415,654	October 12, 1999